**Doppler Radar**

1858. DR. T. SUBBARAMI REDDY : Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state :

(a) whether a Committee has been formed in the India Meteorological Department at Delhi to consider purchase of Doppler radar;

(b) if so, whether the Andhra Pradesh and Tamil Nadu and other coastal States could have avoided cyclones had they been equipped with Doppler radars;

(c) the main functions of this Committee;

(d) if so, whether the Government are considering to replace the present technique with Doppler radars in all cyclones prone coastal States; and

(e) if so, the time by which final decision is likely to be taken ?

THE MINISTER OF STATE OF THE MINISTRY OF PLANNING AND PROGRAMME IMPLEMENTATION AND MINISTER OF STATE OF THE MINISTRY OF SCIENCE AND TECHNOLOGY (SHRI YOGINDER K. ALAGH) : (a) and (c) The purchase of the Doppler Radars is being done through the Directorate General of Supplies and Disposals. ISRO is also developing and indigenous weather doppler radar.

(b) Radar is one of the many tools used for locating the position of the cyclones and tracking it. It cannot avoid or change the course or intensity of a cyclonic storm.

(d) and (e) The Government has taken a decision to replace two radars in the cyclone detection network of India Meteorological Department by Doppler Radars. It is intended to introduce more doppler radars in the Ninth Plan.

*[Translations]*

**Windmills**

1859. SHRIMATI KETAKI DEVI SINGH :
PROF. OM PAL SINGH 'NIDAR' :
SHRI PANKAJ CHOWDHARY :
SHRI K. PRADHANI :

Will the PRIME MINISTER be pleased to state :

(a) the steps being taken by the Government to promote this establishment of windmills in the country;

(b) whether any survey has been conducted in the State in this regard, particularly in U.P.;

(c) if so, the outcome thereof;

(d) whether the public as well as private entrepreneurs have been encouraged to set up windmills;

(e) if so, the achievements made in this regard during the current plan period;

(f) the proposal mooted in this regard in Ninth Five Year Plan; and

(g) the details thereof ?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (CAPT. JAI NARAYAN PRASAD NISHAD) : (a) The steps being taken to promote the establishment of windmills for power generation include a Comprehensive Wind Resource Assessment Programme; demonstration projects; development of local industry; and, fiscal and promotional incentives by Central and State Governments and State Electricity Boards to encourage commercial development.

(b) and (c) A Wind Resource Assessment Progarmme is being carried out in 25 States/UTs including Uttar Pradesh. 98 sites have so far been identified in 9 States which are suitable for establishment of wind power projects. No potential sites have been identified in Uttar Pradesh.

(d) and (e) A total wind power capacity of 833 MW has been installed in the country so far, of which 793 MW has been added so are during the Eighth Plan period. This includes demonstration projects of 16 MW and commercial projects of 777 MW.

(f) and (g) The Working Group on Non-Conventional Sources of Energy for the 9th Plan has recommended a wind power capacity addition of 2000 MW during the Ninth Five Year Plan period.

*[English]*

**Encroachment**

1860. SHRI I.D. SWAMI :
SHRI JANG BAHADUR SINGH PATEL :

Will the PRIME MINISTER be pleased to state :

(a) the total acreage of land which comes under the 'ridge area' in Delhi;

(b) the details thereof;

(c) the percentage out of it under different kinds of encroachment;

(d) the steps taken to get the encroachments removed and the success achieved in this regard;

(e) whether some land failing under Southern Ridge Area has been given on lease basis;

(f) if so, the details thereof and the reasons therefor;

(g) whether it is a fact that the Deputy Commissioner of Delhi has deliberately kept the lease out land in Southern Ridge Area out of the notification issued by him sometime in the past; and

(h) the justification therefor ?

THE MINISTER OF STATE IN THE MINISTRY OF URBAN AFFAIRS AND EMPLOYMENT AND MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS (DR. U. VENKATESWARLU) : (a) 7777 Hec.

(b) The details are as under:-

| | | |
|---|---|---|
| Northern Ridge | – | 87 hec. |
| Central Ridge | – | 864 hec. |
| South-Central Ridge | – | 626 hec. |
| Southern Ridge | – | 6200 hec. |
| Total : | | 7777 hec. |

(c) The Delhi Development Authority, conservator of Forests, Delhi and Municipal Corporation of Delhi have reported that 3.5%, 9.5% and 7.42% respectively of the land under their control is under encroachment in the Ridge Areas.

(d) The position as reported by conservator of Forests, Deputy Commissioner, South-West District, Municipal Corporation of Delhi, Delhi Development Authority and Land & Development Office is as under:-

*Conservator of Forests :*

In Wildlife sanctuary Asola, encroachments in Devli over an area of 1.0 acre and Tughlakabad (near Babbar Khalsa) over an area of 1.5 acre have been removed by demolishing the unauthorised structures during the year 1996-97. For removal of the rest of the encroachments, the Conservator or Forests is already seized of the matter.

*Deputy Commissioner, South-West District :*

Demolition of unauthorised structures has been done in Devli, Khanpur, Saidulazab, Asola, Rajokari, Bhatti to reclaim the gaon sabha land in the last one year.

*Municipal Corporation of Delhi :*

Out of 12 Acres, land measuring approximately 7 Acres has been reclaimed after demolition/removal of the encroachment.

*Delhi Development Authority :*

The identified encroachments from the Ridge Area have been removed.

*Land and Development Office :*

The encroachments were removed by the CPWD. L&DO also attended the demolition programme.

(e) and (f) Deputy Commissioner, South-West District, Delhi has reported that lease granted for minig to D.S.I.D.C. in Southern Ridge was not renewed after issue of the notification on 24.5.94 under Section 4 of the Indian Forest Act declaring the ridge area as a reserved forest. Some residents of Balbir Nagar, Sanjay Nagar and Indira Nagar were granted lease by the erstwhile Gaon Sabha. Some leases were also granted on the Gaon Sabha land to M.C.D. DESU and other Government and Semi-government Academic and Charitable Institutions for maintaining essential services.

**Power Grid Corporation**

1861. SHRI AJAY CHAKRABORTY : Will the PRIME MINISTER be pleased to state :

(a) the details and composition of present Board of Directors of the Power Grid Corporation of India;

(b) whether some of the members of the Board have been facing severe charges of irregularities;

(c) if so, the details thereof;

(d) whether the Government have allowed such members to continue in the Board; and

(e) if so, the details and reasons therefor ?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (DR. S. VENUGOPALACHARI) : (a) As on date. the Board of Directors of POWERGRID comprise of three full-time functional Directors and two part-time Directors. The full-time Directors are Shri R.P. Singh, Director (Personnel). Shri A.L. Jaggi, Director (Operations) and Shri R.K. Madan, Director (Projects). The part-time Directors are Shri J. Vasudevan and Shri S.R. Shivrain, Joint Secretaries in the Ministry of Power.

(b) to (e) Shri A.L. Jaggi, one of the Directors in the Board of POWERGRID, has been served with a chargesheet in January, 1997 for initiating major penalty proceedings. The decision on the continuance of the Director on the Board of POWERGRID would depend upon the final outcome of the departmental proceedings.

**Small and Medium Hydro Power Projects**

1862. DR. ASIM BALA :
SHRI HANNAN MOLLAH :

Will the PRIME MINISTER be pleased to state :

(a) whether the Government propose to set-up some small/medium hydro power projects in the country;

(b) if so, the details thereof, State-wise;

(c) the locations identified for this purpose; and

(d) the details about the resources and technology of such projects ?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (CAPT. JAI NARAYAN PRASAD NISHAD) : (a) and (b) Small Hydro Power Projects aggregating to 141 MW capacity have